

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

30-015-23366

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	☒

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
E-7815

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ URY ☐ OTHER ☐

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESER. ☐ OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name
Gulf St.

2. Name of Operator
Harlan Oil Company

3. Address of Operator
P.O. Box 668, Artesia, N.M. 88210

9. Well No.
3

10. Field and Pool, or Wildcat
E. Millman SR

4. Location of Well
UNIT LETTER G LOCATED 1650 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE OF SEC. 21 TWP. 19S RGE. 28E

12. County
Eddy

15. Date Spudded 7/1/80	16. Date T.D. Reached 9/23/80	17. Date Compl. (Ready to Prod.) 11/15/80	18. Elevations (DF, RKB, RT, GR, etc.) 3521' GR	19. Elev. Casinghead 3521' GR
20. Total Depth 1300'	21. Plug Back T.D. 1155'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools	Cable Tools X

24. Producing Interval(s), of this completion - Top, Bottom, Name
1078-81' Seven Rivers

25. Was Directional Survey Made
No

26. Type Electric and Other Log Run
Gamma ray-neutron

27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	MOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	320'	12"	150 sax	
4 1/2"	10.50#	1175'	7 7/8"	150 sax	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 3/8"	1061'

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.								
1078-1081', 6 shots	<table border="1"> <thead> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>1078-1081</td> <td>484 bbl gel water</td> </tr> <tr> <td></td> <td>25,000# 20/40 sand</td> </tr> <tr> <td></td> <td>5,000# 10/20 sand</td> </tr> </tbody> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	1078-1081	484 bbl gel water		25,000# 20/40 sand		5,000# 10/20 sand
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33. PRODUCTION

Date First Production 12/10/80	Production Method (Flowing, gas lift, pumping - Size and type pump) Pump - 1 1/2"	Well Status (Prod. or Shut-in) Prod.
Date of Test 12/13/80	Hours Tested 24	Choke Size
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
		Oil - Bbl. 3
		Gas - MCF TSIM
		Water - Bbl. 1
		Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By
Mack C. Chase

35. List of Attachments
GRN log

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED *Carolyn Lewis* TITLE Production Clerk DATE 12/19/80

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Muncos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Quize
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinney	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todillo	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....	No. 4, from.....to.....
No. 2, from.....to.....	No. 5, from.....to.....
No. 3, from.....to.....	No. 6, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....	feet.
No. 2, from.....to.....	feet.
No. 3, from.....to.....	feet.
No. 4, from.....to.....	feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	180	180	Red bed, sand				
180	750	570	Anhydrite				
750	850	100	Anhy, dolo, sand				
850	900	50	Anhy, dolo, shale				
900	1025	125	Anhy, shaley sand				
1025	1200	175	Anhy, sand				
1200	1250	50	Anhy, shale, sand				
1250	1280	30	Anhy, dolo, shale				
1280	1300	20	Dolo, shale				
1300			TD				
1155			PBTD				